

DAFTAR PUSTAKA

- [1] G. Riahi, "E-learning Systems based on Cloud Computing: A Review," *The 2015 International Conference on Soft Computing and Software Engineering*, pp. 352-359, 2015.
- [2] S. Afzal, dan G. Kavitha, "Load balancing in cloud computing – A hierarchical taxonomical classification," *Journal of Cloud Computing: Advances, Systems and Applications*, pp. 1-24, 2019.
- [3] F. Apriliansyah, I. Fitri, dan A. Iskandar, "Implementasi Load Balancing Pada Web Server Menggunakan Nginx," *Jurnal Teknologi dan Manajemen Informatika*, vol. VI, pp. 18-26, 2020.
- [4] A. Budiyanto, "Pengantar Cloud Computing," *Cloud Indonesia*, 2012, pp. 1-9.
- [5] A. Wibowo, A. Virvono, dan R. Latuconsina, "Load Balancing pada Cloud Computing menggunakan Metode Least Connection," *e-Proceeding of Engineering*, vol. V, pp. 6210-6217, 2018.
- [6] U. Zakia, dan H. B. Yedder, "Dynamic Load Balancing in SDN-Based Data Center Networks," *IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)*, pp. 242-247, 2017.
- [7] T. S. P. Kumar, "A Private Cloud-Based Smart Learning Environment Using Moodle for Universities," pp. 188-202, 2019.
- [8] M. Sadikin R. Yusuf, dan A. Rifai, "Load balancing clustering on moodle LMS to overcome performance issue of e-learning system," *TELKOMNIKA*, vol. XVII, pp. 131-138, 2019.
- [9] S. Jung, dan J. H. Huh, "An Efficient LMS Platform and Its Test Bed," *Electronics*, vol. VIII, pp. 1-31, 2019.
- [10] B. I. Maliki, J. W. Kusuma, M. B. Tabrani, dan Hamidah "Identification of Education in Indonesia and Learning Models in Student Learning with Learning Management System (LMS)," *International Journal of Economy, Education and Entrepreneurship*, vol. I, pp. 37-46, 2021.

- [11] J. W. Rittinghouse, dan J. F. Ransome, *Cloud Computing : Implementation, Management, and Security*, Boca Raton, Florida: Taylor & Francis Group, 2010.
- [12] T. Rosado, dan J. Bernardino, "An Overview of Openstack Architecture," *Proceedings of the 18th International Database Engineering & Applications Symposium on - IDEAS*, pp. 366-367, 2014.
- [13] T. Dillon, C. Whu, dan E. Chang, "Cloud Computing: Issues and Challenges," *24th IEEE International Conference on Advanced Information Networking and Applications*, pp. 27-33, 2010.
- [14] V. Sobeslav, J. Horalek, dan J. Pavlik, "Utilisation of Cloud Computing in Education with focus on Open Source Technologies," *Proceedings of the 4th International Conference on Computer Engineering and Networks: CENet2014*, pp. 1-8, 2015.
- [15] P. Kumar, dan R. Kumar, "Issues and Challenges of Load Balancing Techniques in Cloud Computing: A Survey," *ACM Computing Surveys*, vol. LI, pp. 120-155, 2019.
- [16] K. A. Nuaimi, N. Mohamed, M. A. Nuaimi, dan J. A. Jaroodi, "A Survey of Load Balancing in Cloud Computing: Challenges and Algorithms," *2012 IEEE Second Symposium on Network Cloud Computing and Applications*, pp. 137-142, 2012.
- [17] M. E. Mustafa, "Load Balancing Algorithms Round-Robin (RR), Least Connection, and Least Loaded Efficiency," *GESJ: Computer Science and Telecommunications*, vol. LI, pp. 25-29, 2017.
- [18] B. Alankar, G. Sharma, H. Kaur, R. Valverde, dan V. Chang, "Experimental Setup for Investigating the Efficient Load Balancing Algorithms on Virtual Cloud," *Sensors*, vol. XX, pp. 1-26, 2020.
- [19] A. Suprayogi, N. S. Guna, F. R. Darmawan, M. A. Maulana, dan R. D. Nurhaq, "Implementasi Load Balancing dengan Algoritma Least Connection menggunakan DigitalOcean Load Balancers," 2020.
- [20] M. Kushwaha, B. L. Raina, dan S. N. Singh, "Implementation Analysis of Load Balancing Procedures for Cloud Computing Domain," 2021

International Conference on Computing, Communication, and Intelligent Systems (ICCCIS), pp. 287-292, 2021.

- [21] H. Nasser, dan T. Witono, "Analisis Algoritma Round Robin, Least Connection, dan Ratio pada Load Balancing menggunakan Opnet Modeler," *INFORMATIKA*, vol. XII, pp. 25-32, 2016.
- [22] T. You, W. Li, Z. Fang, H. Wang, dan G. Qu, "Performance Evaluation of Dynamic Load Balancing Algorithms," *TELKOMNIKA Indonesian Journal of Electrical Engineering*, vol. XII, pp. 2850-2859, 2014.
- [23] A. A. Diarjo, dan D. I. Mulyana, "Penerapan Algoritma Round Robin dan Modulo pada Load Balancing Web Server," *Jurnal CKI On SPOT*, vol. X, pp. 21-34, 2017.
- [24] N. Fauzi, W. Yahya, dan A. Bhawiyuga, "Implementasi Load Balancing pada Server dengan menggunakan Algoritme Least Traffic pada Software-Defined Network," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. IX, pp. 3134-3141, 2018.
- [25] B. Arifwidodo, V. Metayasha, dan S. Ikhwan, "Analisis Kinerja Load Balancing pada Server Web Menggunakan Algoritma Weighted Round Robin pada Proxmox VE," *InComTech: Jurnal Telekomunikasi dan Komputer*, vol. XI, pp. 210-220, 2021.
- [26] M. S. Pradana, dan A. Prapanca, "Analisis Performa Load Balancing Algoritma Weighted Round Robin di Infrastruktur BPBD Provinsi Jawa Timur," *Journal of Informatics and Computer Science*, vol. I, pp. 109-114, 2017.
- [27] G. S. Sumbayak, H. Nurwarsito, dan R. Primananda, "Implementasi Algoritme Weighted Least Connection berbasis Agen pada POX Controller untuk Load Balancing Web Server pada Software Defined Network," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. III, pp. 7335-7344, 2019.
- [28] E. Kristianto, "The Performance of e-Learning Website on Open Source Virtualization," *International Conference of Advanced Informatics: Concept, Theory and Application (ICAICTA)*, pp. 109-112, 2014.

- [29] D. Mosberger, dan T. Jin, "httpperf—A Tool for Measuring Web Server Performance," *HP Research Labs*, pp. 1-9, 1998.
- [30] N. Angsar, "Pengujian Distribusi Beban Web dengan Algoritma Least Connection dan Weighted Least Connection," *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, vol. III, pp. 24-28, 2014.
- [31] X. Ren, R. Lin, dan H. Zou, "A Dynamic Load Balancing Strategy for Cloud Computing Platform based on Exponential Smoothing Forecast," *Proceedings of IEEE CCIS2011*, pp. 220-224, 2011.